

L Number	Hits	Search Text	DB	Time stamp
7	31	(covering with beak) and (field adj oxide)	USPAT; US-PGPUB	2004/08/31 08:59
8	589	(covering with (field adj oxide))	USPAT; US-PGPUB	2004/08/31 09:00
9	580	((covering with (field adj oxide))) not ((covering with beak) and (field adj oxide))	USPAT; US-PGPUB	2004/08/31 09:00
10	555	((covering with (field adj oxide))) not ((covering with beak) and (field adj oxide))) and @ad<20020719	USPAT; US-PGPUB	2004/08/31 11:07
11	81	((covering with (field adj oxide))) not ((covering with beak) and (field adj oxide))) and @ad<20020719) and clean\$3	USPAT; US-PGPUB	2004/08/31 09:55
12	0	(covering with STI) and MISFET	USPAT; US-PGPUB	2004/08/31 09:56
13	0	(protecting with STI) and MISFET	USPAT; US-PGPUB	2004/08/31 09:56
14	1	(protect with STI) and MISFET	USPAT; US-PGPUB	2004/08/31 09:57
15	0	(protect with STI) and MISFET	EPO; JPO; DERWENT; IBM_TDB	2004/08/31 09:57
16	0	(protecting with STI) and MISFET	EPO; JPO; DERWENT; IBM_TDB	2004/08/31 09:58
17	0	(covering same STI) and MISFET	EPO; JPO; DERWENT; IBM_TDB	2004/08/31 09:58
18	0	(protecting same STI) and MISFET	EPO; JPO; DERWENT; IBM_TDB	2004/08/31 09:58
19	0	(protecting same STI) and MOSFET	EPO; JPO; DERWENT; IBM_TDB	2004/08/31 09:58
20	0	(covering same STI) and MOSFET	EPO; JPO; DERWENT; IBM_TDB	2004/08/31 09:59
21	44	(covering same STI) and MOSFET	USPAT; US-PGPUB	2004/08/31 09:59
22	37	((covering same STI) and MOSFET) and @ad<20020719	USPAT; US-PGPUB	2004/08/31 10:02
23	71	MISFET and STI and @ad<20020719	USPAT; US-PGPUB	2004/08/31 10:17
24	14	(MISFET and STI and @ad<20020719) and cleaning	USPAT; US-PGPUB	2004/08/31 10:05
25	6	(MISFET and STI and @ad<20020719) and clean	USPAT; US-PGPUB	2004/08/31 10:05
26	2	((MISFET and STI and @ad<20020719) and clean) not ((MISFET and STI and @ad<20020719) and cleaning)	USPAT; US-PGPUB	2004/08/31 10:13
27	69	(MISFET and STI and @ad<20020719) and etching	USPAT; US-PGPUB	2004/08/31 10:05
28	55	((MISFET and STI and @ad<20020719) and etching) not ((MISFET and STI and @ad<20020719) and cleaning)	USPAT; US-PGPUB	2004/08/31 10:06
29	5	((covering with (field adj oxide))) not ((covering with beak) and (field adj oxide))) and @ad<20020719) and MISFET	USPAT; US-PGPUB	2004/08/31 11:07
30	57	(MISFET and STI and @ad<20020719) not ((MISFET and STI and @ad<20020719) and cleaning)	USPAT; US-PGPUB	2004/08/31 10:13
31	1	MISFET and STI	EPO; JPO; DERWENT; IBM_TDB	2004/08/31 10:17
32	0	MISFET and (FOX with STI) and @ad<20020719	USPAT; US-PGPUB	2004/08/31 11:07
33	5	MISFET and ((field adj oxide) with STI) and @ad<20020719	USPAT; US-PGPUB	2004/08/31 11:07

US-PAT-NO: 6411548

DOCUMENT-IDENTIFIER: US 6411548 B1

TITLE: Semiconductor memory having
transistors connected in
series

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Detailed Description Text - DETX (176):

First of all, as shown in FIG. 29, an n-type impurity is implanted into the p-type silicon substrate 21 by the ion implantation method to form the n-type well region 22. In addition, a p-type impurity is implanted into the n-type well region 22 to form the p-type well region 23. Element isolation layers linearly extending in the column direction are formed on the silicon substrate 21. The element isolation layers may be field oxide films formed by the LOCOS method or layers having an STI (Shallow Trench Isolation) structure.